Case Study: Healthcare

UCSF Medical Center

Industry: Healthcare
Location: San Francisco, California
Architect: Anshen & Allen/Stantec

University of California at San Francisco, known worldwide for groundbreaking medical research chose Plyboo edge grain amber plywood and veneer for the lobby and reception area. Oversized panels and a class A fire rating were required to complete this project. To meet Class A, Plyboo 10’ veneers were pressed to fire rated MDF and treated with a fire retardant finish. Reveals on both the side and top of panels were provided to add visual interest and to give the panels room to move.

Materials Used:
- Amber Edge Grain Bamboo Plywood BP-V48120VA-NAUF/FSC
- Amber Edge Grain Bamboo Veneer BVN-4896VA/FSC
## Specifications

### Possible LEED Credits:
Low emitting materials and certified wood

### Physical / Mechanical Properties - Edge Grain Bamboo Plywood

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
</table>
| Dimensions:                                   | 3/4" x 48" x 96"  
19mm x 1219mm x 2438mm (*mm tolerance +/- .5mm thickness) |
| Construction:                                 | Three-ply, cross core construction.                                         |
| Working with Plyboo:                          | A worksheet is provided with each panel containing useful tips and information and is also available on our website at plyboo.com/downloads. |
| ASTM E84: Surface Burning                     | Class C                                                                     |
| ASTM D1037: Dimensional Stability            | • Linear Expansion (3-ply): Parallel -0.04% / Perpendicular -0.07%  
• Thickness Swell (3-ply): -0.13%  
Screw Hold (3-ply) (face/back/edge)  
• 742 lbs/ 831 lbs/ 860 lbs average |
| ASTM D4442: Moisture Content                 | 6-9% average                                                                |
| ASTM D 6007-02: Formaldehyde Concentration in Air from Wood Products, small chamber test | Plyboo = 0.004 ppm (surpasses CARB II standards, 0.05ppm & ULEF standards of 0.04ppm) |